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Part 1 of 2
19 pages

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To: Examiner Phat X. Cao **From:** Joanne Ryan
Fax: 703-672-9319 **Pages:** 28 including cover
Phone: **Date:** 3/3/2004
Rec: Serial No. 10/039,284 **CC:** [Click here and type name]

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Please see attached:

- (1) Explanatory Letter, 2 pp.
- (2) Transmittal of Information Disclosure Statement, Nov. 27, 2002, 2 pp.
- (3) PTO-1449, filed Nov. 27, 2002, 2 pp.
- (4) Copy of date-stamped receipt-confirmation postcard, 1 p.
- (5) Copies of 3 "other documents," 15 pp.
- (6) Transmittal of Information Disclosure Statement, January 30, 2004, 3 pp.
- (7) PTO-1449, filed January 30, 2004, 1 p.
- (8) Copy of date-stamped receipt-confirmation postcard, 1 p.

10/039,284

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Richard A. Blanchard

Serial No.: 10/039,284

Filed: December 31, 2001

Title: High Voltage Power MOSFET Having a Voltage Sustaining Region . . .

Art Unit: 2814

Examiner: Phat X. Cao

Docket No.: GS 174

Via Facsimile: 703-872-9319

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPLANATORY LETTER ACCOMPANYING RE-FILED
INFORMATION DISCLOSURE STATEMENTS

The above-referenced patent application received a Notice of Allowance dated November 10, 2003, and the Issue Fee was paid on February 10, 2004. The undersigned attorney has not received Examiner-initialed copies of the following Information Disclosure Statements filed in the application:

1. IDS filed November 27, 2002
2. IDS filed January 30, 2004

Pursuant to the request of the Examiner following a telephone conversation on February 10, 2004 between the Examiner and Joanne Ryan of the undersigned attorney's office, copies of each PTO-1449 are attached hereto. Copies of the date-stamped confirmation-receipt postcard for each IDS are attached as well. Also per Examiner Cao's instructions, copies of the US patents disclosed in the each IDS are not attached. Please find attached, however, copies of the three "other documents" disclosed in the IDS filed November 27, 2002.

As the application has been allowed and the Issue Fee has been paid, it is respectfully requested that the Examiner consider the art disclosed in each IDS listed above and forward an initialed copy of each PTO-1449 to the undersigned attorney at the Examiner's earliest opportunity.

Respectfully submitted,

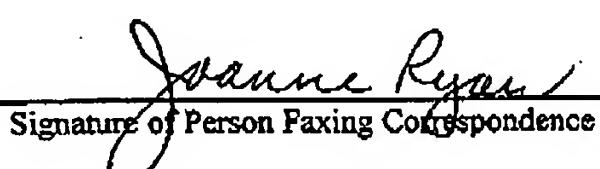


Keum J. Park

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Signature of Person Faxing Correspondence

Joanne Ryan

Typed or Printed Name of Person Faxing Correspondence

Supplement

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))Docket No.
CS 174

In Re Application Of: Richard A. Blanchard et al.

Serial No.	Filing Date	Examiner	Group Art Unit
10/039,284	12/31/01	Unassigned	2811

**Title: HIGH VOLTAGE POWER MOSFET HAVING A VOLTAGE SUSTAINING REGION
THAT INCLUDES DOPED COLUMNS FORMED BY TRENCH ETCHING USING AN
ETCHANT GAS THAT IS ALSO A DOPING SOURCE**

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

- The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
 - the statement specified in 37 CFR 1.97(e);
 - OR**
 - the fee set forth in 37 CFR 1.17(p).

S-400-500-1
TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
GS 174

In Re Application: Richard A. Blanchard et al.

Serial No.	Filing Date	Examiner	Group Art Unit
10/039,284	12/31/01	Unassigned	2811

**HIGH VOLTAGE POWER MOSFET HAVING A VOLTAGE SUSTAINING REGION
THAT INCLUDES DOPED COLUMNS FORMED BY TRENCH ETCHING USING AN
ETCHANT GAS THAT IS ALSO A DOPING SOURCE**

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(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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Karin L. Williams Reg. No. 36,721
Mayer Fortkort & Williams, PC
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Marjorie Seariati
Signature of Person Mailing Correspondence

Marjorie Seariati

Typed or Printed Name of Person Mailing Certificate

Dated: 11/27/02

FDAR/PV02

<i>Supplemental</i> INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>			ATTY DOCKET NO.	SERIAL NO.			
			GS 174	10/039,284			
			Richard A. Blanchard et al				
FILING	12/31/01	GROUP	2811				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		
1.	10/039,241		Blanchard		12/31/2001		
2.	10/038,845		Blanchard		12/31/2001		
3.	09/970,758		Blanchard et al.		10/4/2001		
4.	2001/0053568A1	12/20/2001	Deboy et al	438	138		
5.	2001/0036704A1	11/1/2001	Huetting et al	438	270		
6.	2001/0026977A1	10/4/2001	Hattori et al.	438	268		
7.	5,216,275	6/1/93	Cheo	257	493		
8.	5,108,783	4/28/92	Tanigawa et al.	437	63		
9.	4,893,160	1/9/90	Blanchard	357	23.4		
10.	4,711,017	12/8/87	Lammert	437	20		
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	1.	Xing Bi Chen et al., "A Novel High-Voltage Sustaining Structure with Buried Oppositely Doped Regions," <i>IEEE Transactions on Electron Devices</i> , Vol. 47, No. 6, June 2000, pp. 1280-1285.					
	2.	N. Cezac et al., "A New Generation of Power Unipolar Devices: the Concept of the Floating Islands MOS Transistor (FLIMOST)," <i>Proceedings of the 12th International Symposium on Power Semiconductor Devices & ICs</i> , Toulouse, France, May 22-25, 2000, pp. 69-72.					
EXAMINER			DATE CONSIDERED				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Docket GS 174 (2020/80)

Assistant Commissioner for Patents
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Serial No.: 10/039,284
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1. Transmittal of Supplemental Information Disclosure Statement (under 37 CFR 1.97 (b)), including certificate of mailing via first class mail.
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Docket GS 174 (2020/80)

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